

CLAIMS

1 1. *(currently amended)* An image-transfer system (A1)
 2 comprising:
 3 an image-transfer device (25, 35) for converting between a digital
 4 image and a hard-copy media image (61', 81);
 5 a media-feeder (21, 31) for feeding media to said image-transfer
 6 device;
 7 a skew detector (23, 33) for detecting sheet-feed skew in said
 8 media;
 9 a memory (45) for storing said digital image; and
 10 a controller (47) for applying digital skew compensation to said
 11 digital image as a function of sheet-feed skew detected by said skew
 12 detector, said function indicates raster line offsets as a function of
 13 raster position, fractional raster-line offsets indicating interpolation
 14 weights for neighboring pixels.

1 2. *(currently amended)* ~~A~~ An image-transfer system comprising:
 2 an image-transfer device for converting between a digital image
 3 and a hard-copy media image;
 4 a media-feeder for feeding media to said image-transfer device;
 5 a skew detector for detecting sheet-feed skew in said media;
 6 a memory for storing said digital image, as recited in Claim 1
 7 wherein said memory, at any given time, holds holding less than
 8 half the data associated with said digital image; and
 9 a controller for applying digital skew compensation to said
 10 digital image as a function of sheet-feed skew detected by said skew
 11 detector.

1 3. *(currently amended)* A system as recited in Claim 1-2 wherein
 2 said digital image data is transferred from said image-transfer
 3 device (35) to said memory.

1 4. *(currently amended)* A system as recited in Claim 1-2 wherein
2 said compensated digital image data is transferred to said image-
3 transfer device (25).

1 5. *(cancelled)*

1 6. *(cancelled)*

1 7. *(currently amended)* A media transfer method comprising the
2 steps of:

3 feeding sheet media to a image-transfer device;

4 detecting media skew in said media as it is fed to said image-
5 transfer device;

6 transferring between a hard-copy image and a digital image
7 stored in digital memory; and

8 digitally skewing said digital image as a function of said media
9 skew, said function indicating raster line offsets as a function of
10 raster position, fractional raster-line offsets indicating interpolation
11 weights for neighboring pixels.

1 8. *(currently amended)* A media transfer method as recited in
2 Claim 7 wherein comprising:

3 feeding sheet media to an image-transfer device;

4 detecting media skew in said media as it is fed to said image-
5 transfer device;

6 transferring between a hard-copy image and a digital image
7 stored in digital memory so that less than half of said digital image
8 is stored in said digital memory at any given time; and

9 digitally skewing said digital image as a function of said media
10 skew.

1 9. *(currently amended)* A method as recited in Claim 7-8
2 wherein said digitally skewing step occurs after said transferring
3 step.

1 10. *(currently amended)* A method as recited in Claim 7-8
2 wherein said digitally skewing step occurs before said transferring
3 step.

1 11. *(cancelled)*

1 12. *(cancelled)*

- 1 13. (*new*) A scanning system comprising:
2 a media-feeder for conveying sheet media bearing a hard-copy
3 image;
4 a skew detector for detecting skew in said sheet media;
5 a scanning device for generating said digital image by scanning said
6 hard-copy image; and
7 a controller for correcting said digital image as a function of said
8 skew.
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